

guide, a practical working manual and a book of instruction. No effort has been spared to make it represent the latest and best knowledge with scientific accuracy, directness and simplicity. One of the most valuable additions to the fourth edition is the series of experiments for the use of students in dental colleges having laboratories for the practical study of metallurgy. These experiments, which have been carefully thought out and adapted to the wants of students beginning the practical study of the subject, are illustrative of the physical properties of the metals in general. An accurate understanding of the properties of amalgams being of the greatest importance, the chapter on that subject has been thoroughly revised and made to embody the latest investigations in that class of compounds. An epitome of the recent discoveries of Professor G. V. Black, together with illustrations of his instruments for the measurement of shrinkage or expansion, crushing stress, etc., has been introduced into the chapter on amalgams.

The American Text-Book of Prosthetic Dentistry. In contributions by eminent authorities. Edited by CHARLES J. ESSIG, M.D., D.D.S., Professor of Mechanical Dentistry and Metallurgy, Department of Dentistry, University of Pennsylvania, Philadelphia. Second edition, revised and enlarged. In one octavo volume of 817 pages, with 1089 engravings. Cloth, \$6.00; leather, \$7.00. Lea Brothers & Co., Philadelphia and New York. 1900.

This work was originally prepared to answer the need for a comprehensive and authoritative exposition of the principles and practice of the art in its most modern development. The early exhaustion of the first edition has stimulated the editor and his collaborators to make the second edition in every respect more worthy of the good opinions so fully expressed of its predecessor. To that end it has been subjected to thorough revision. Since 1896 plans, operations and methods have developed and broadened to an extent unparalleled in the history of dental art, necessitating a material increase in space; and rich as the previous edition was in illustrations, the number in the present one will aggregate nearly eleven hundred, many of which are entirely new and original, and designed to elucidate special and peculiar devices and procedures not heretofore shown in any text-book. These, it is confidently believed, will greatly increase its value as a clear and thorough laboratory manual for the undergraduate student and for the dental practitioner. There are contained within the pages of this edition descriptions of methods and appliances which a consensus of opinion has declared to be the best that dental prosthetic art has